

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010113.D
 Acq On : 19 Aug 2022 19:03
 Operator : KP/MD
 Sample : N4200-16
 Misc : 10.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S2

Quant Time: Aug 22 02:44:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	166178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	325327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	330018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152470	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	101837	74.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.640%
35) Dibromofluoromethane	7.710	113	93509	51.010	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.020%
50) Toluene-d8	10.173	98	347233	50.551	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.100%
62) 4-Bromofluorobenzene	12.477	95	114465	46.640	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.280%

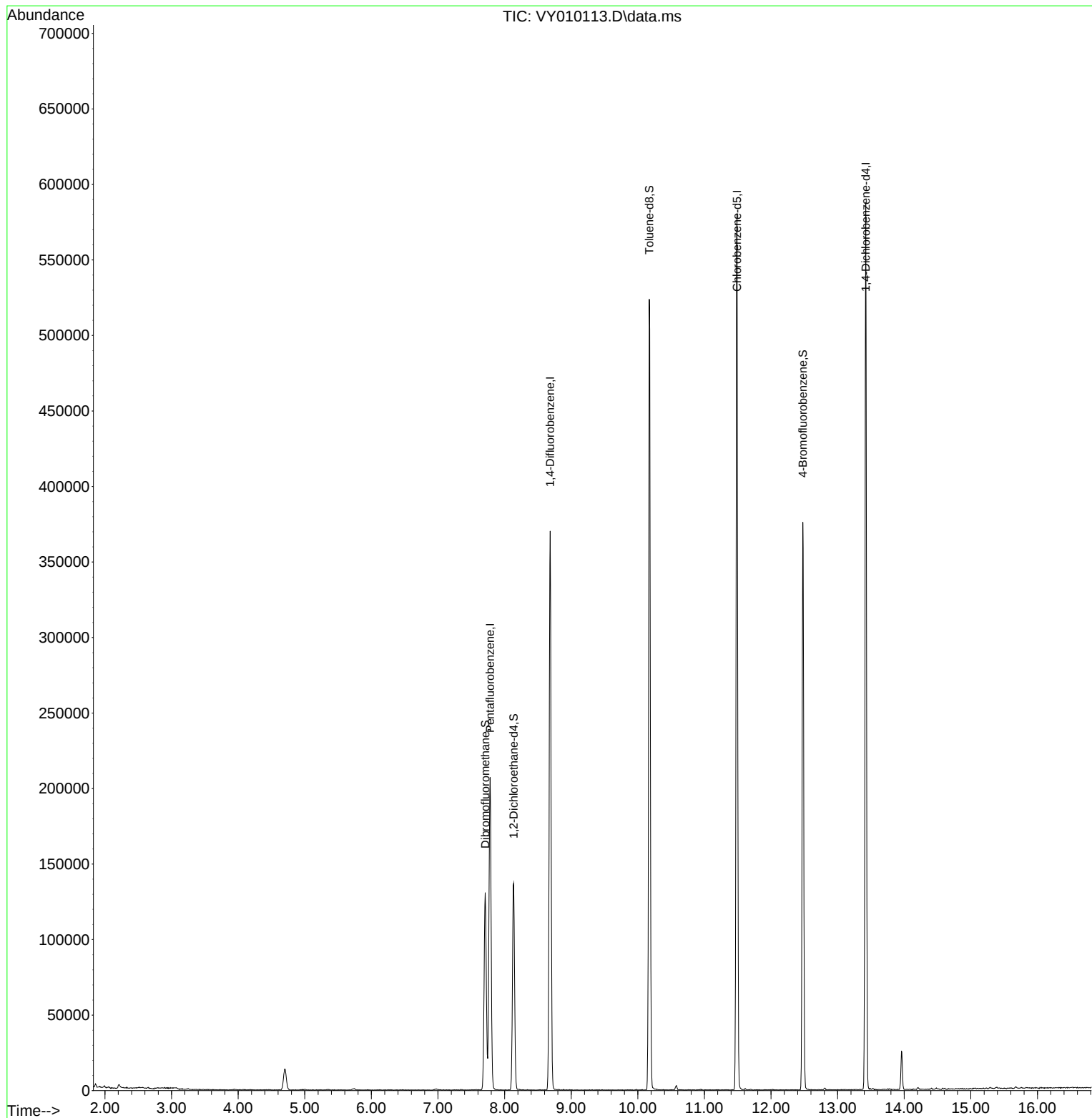
Target Compounds	Qvalue

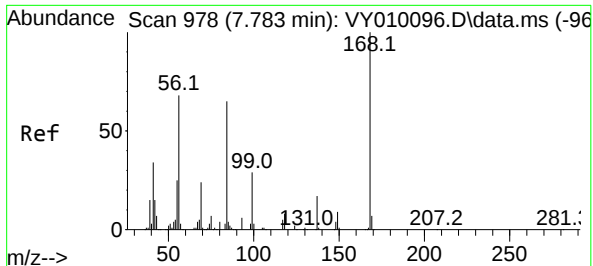
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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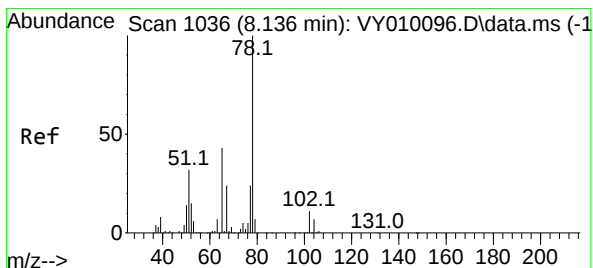
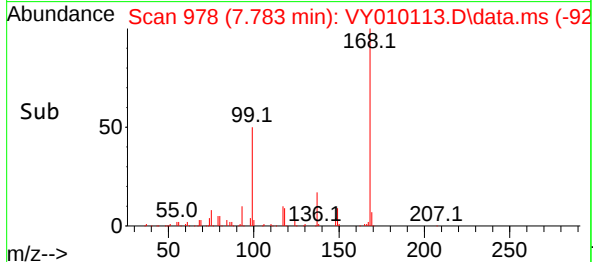
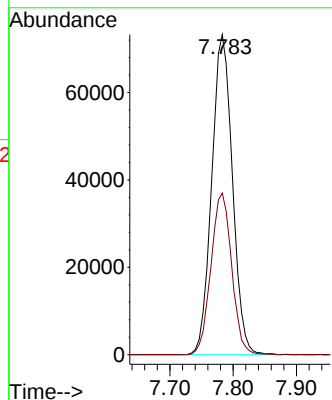
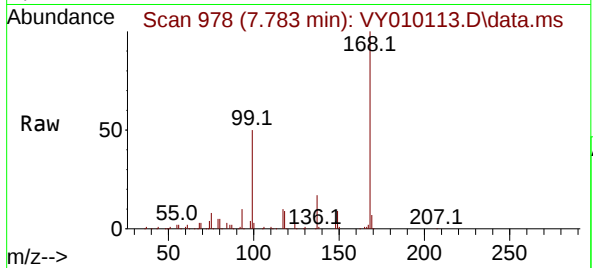




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010113.D
Acq: 19 Aug 2022 19:03

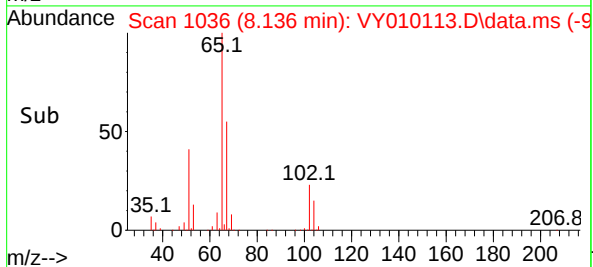
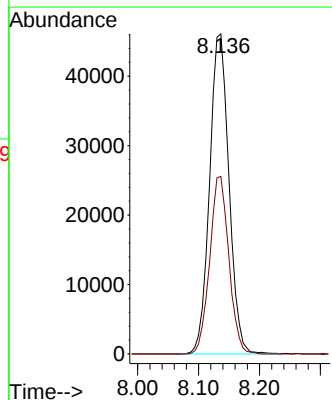
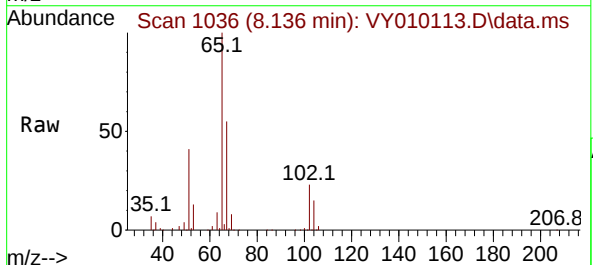
Instrument :
MSVOA_Y
ClientSampleId :
S2

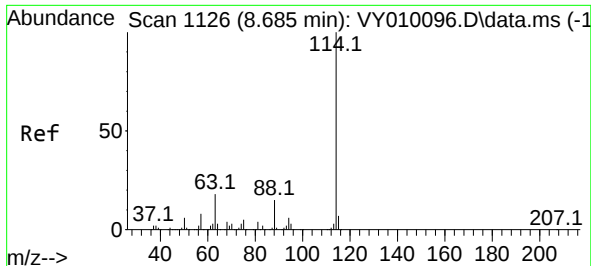
Tgt Ion:168 Resp: 166178
Ion Ratio Lower Upper
168 100
99 50.5 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 74.817 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010113.D
Acq: 19 Aug 2022 19:03

Tgt Ion: 65 Resp: 101837
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.6

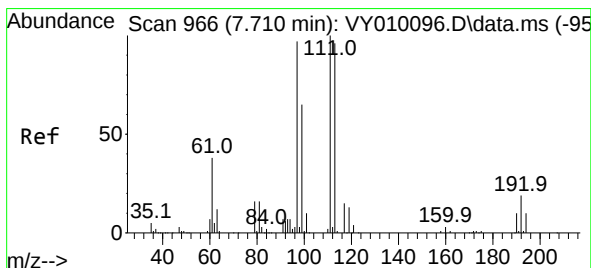
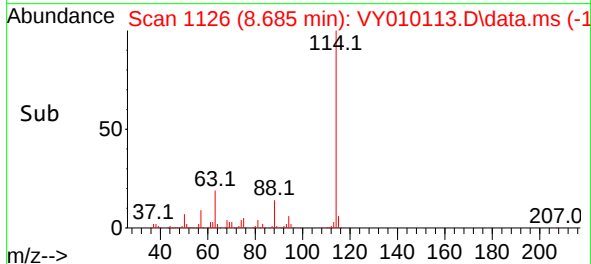
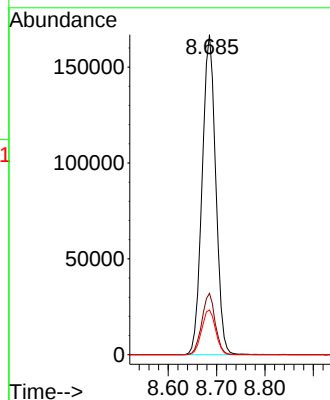
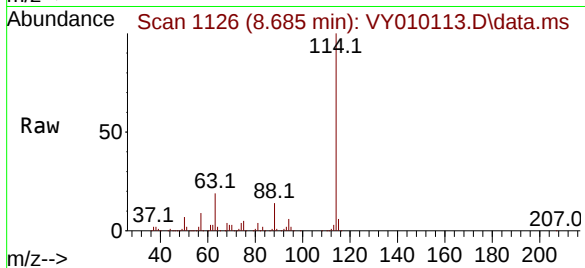




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010113.D
Acq: 19 Aug 2022 19:03

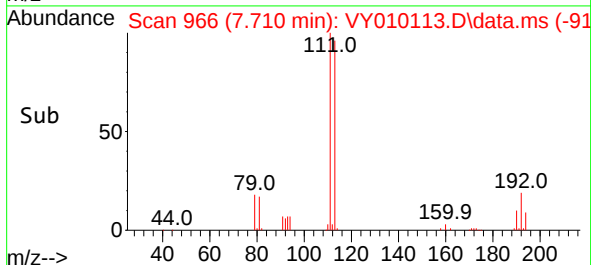
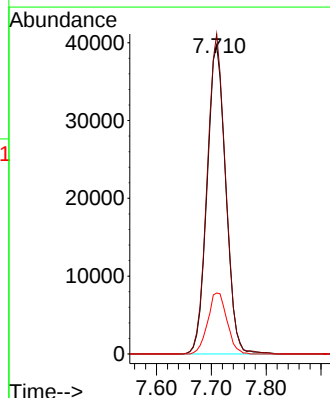
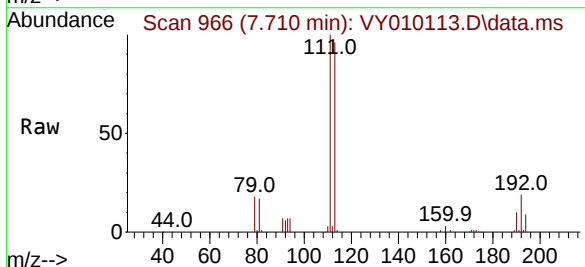
Instrument :
MSVOA_Y
ClientSampleId :
S2

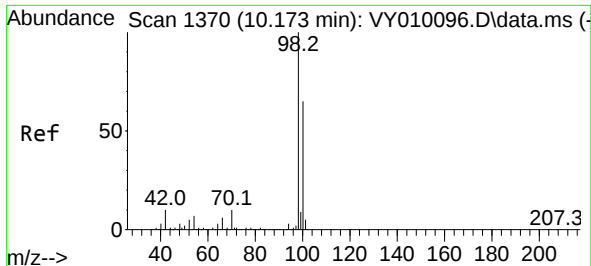
Tgt Ion:114 Resp: 325327
Ion Ratio Lower Upper
114 100
63 19.2 0.0 35.6
88 14.0 0.0 29.6



#35
Dibromofluoromethane
Concen: 51.010 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010113.D
Acq: 19 Aug 2022 19:03

Tgt Ion:113 Resp: 93509
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 20.4 16.3 24.5

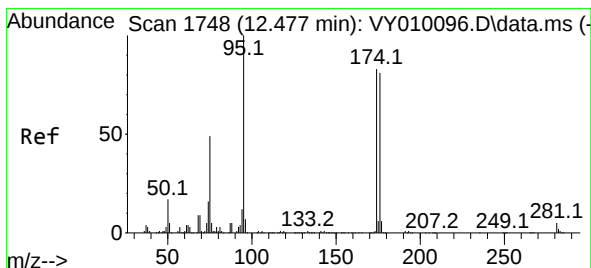
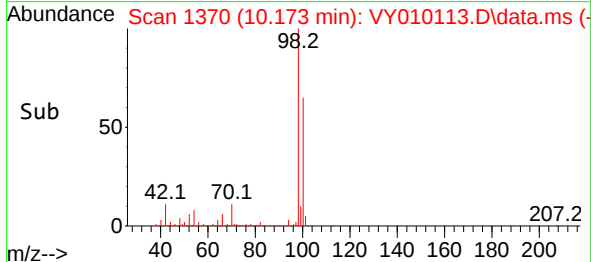
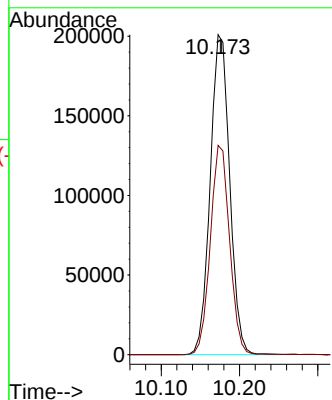
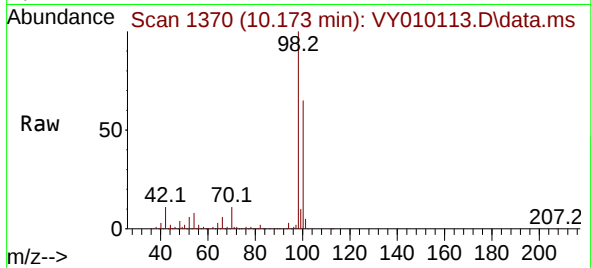




#50
Toluene-d8
Concen: 50.551 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010113.D
Acq: 19 Aug 2022 19:03

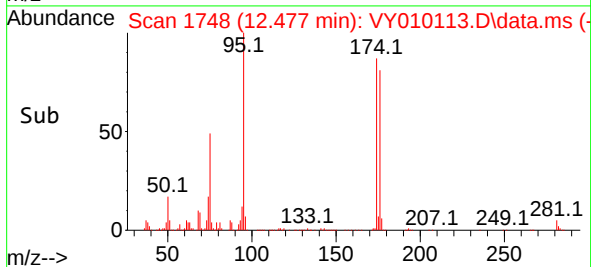
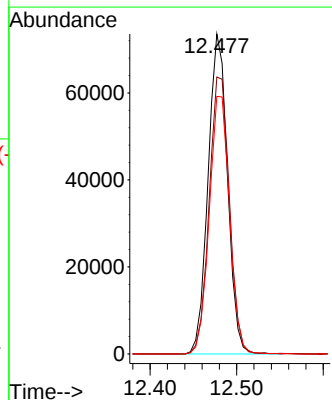
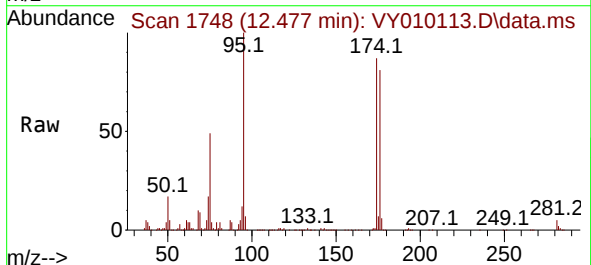
Instrument :
MSVOA_Y
ClientSampleId :
S2

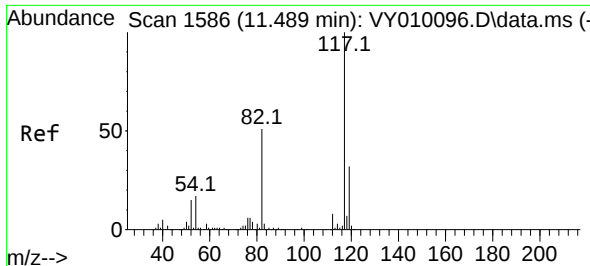
Tgt Ion: 98 Resp: 347233
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.640 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010113.D
Acq: 19 Aug 2022 19:03

Tgt Ion: 95 Resp: 114465
Ion Ratio Lower Upper
95 100
174 90.3 0.0 173.8
176 84.3 0.0 167.2

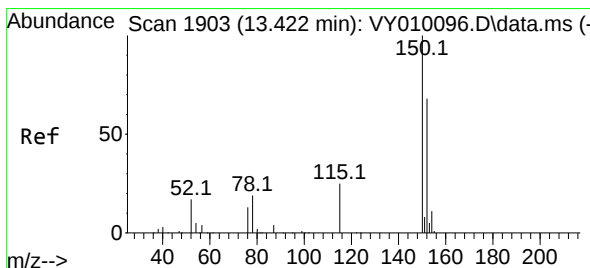
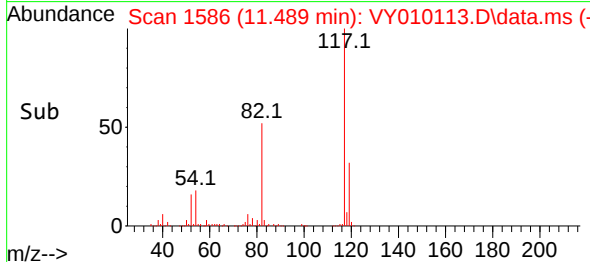
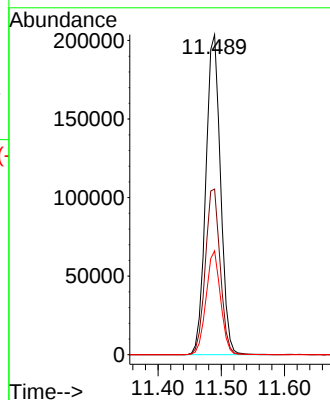
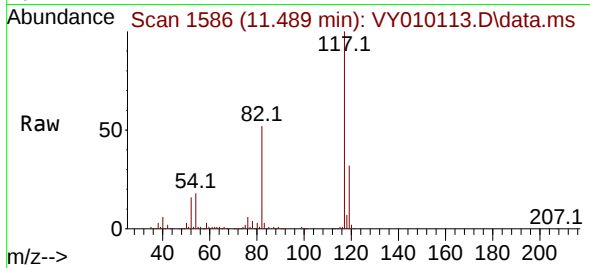




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010113.D
Acq: 19 Aug 2022 19:03

Instrument :
MSVOA_Y
ClientSampleId :
S2

Tgt Ion:117 Resp: 330018
Ion Ratio Lower Upper
117 100
82 51.7 40.6 61.0
119 32.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010113.D
Acq: 19 Aug 2022 19:03

Tgt Ion:152 Resp: 152470
Ion Ratio Lower Upper
152 100
115 55.0 28.1 84.2
150 157.7 0.0 346.2

